



Date Mailed: 29 SEP 2005 | Atty/Par: SAT/klm | Filing Date: February 14, 2000

Application No.: 09/503,925

Docket No.: 21816-04464

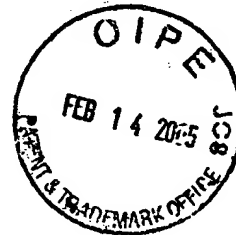
Applicants: Pawan Goyal

Title: Restricting Communication of Selected Processes to a Set of Specific Network Addresses

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Transmittal

IDS, PTO/SB/08A and cited references







IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Pawan Goyal  
APPLICATION NO.: 09/503,975  
FILING DATE: February 14, 2000  
TITLE: Restricting Communication of Selected Processes to a Set of  
Specific Network Addresses  
EXAMINER: Larry D. Donaghue  
GROUP ART UNIT: 2154  
ATTY. DKT. NO.: 21816-04464

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Dated: 2-9-05

By:

Sabra-Anne Truesdale, Reg. No. 55,687

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P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

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☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR

☒ Applicant certifies pursuant to 37 CFR § 1.97(e) that:

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☒ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;

☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:

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Respectfully submitted,  
Pawan Goyal

Dated: 2-9-25

By: Sabra Anne Truesdale  
Sabra-Anne Truesdale, Reg. No. 55,687  
Fenwick & West LLP  
Silicon Valley Center  
801 California Street  
Mountain View, CA 94041  
Tel.: (650) 335-7187  
Fax.: (650) 938-5200

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete if Known**

Application No.

09/503,975

**Filing Date**

February 14, 2000

**First Named Inventor**

**Pawan Goyal**

**Art Unit**

2154

**Examiner Name**

**Larry D. Donaghue**

Attorney Docket Number

21816-04464

Sheet

1

**of**

1

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

		Foreign Patent Document			
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		JP 64-002145	01-06-1989	Masato	

### OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>o</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

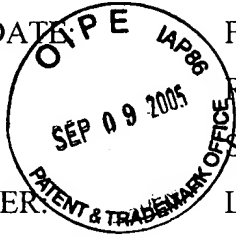
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

21816/04467/DOCS/1501825.1

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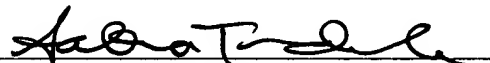
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APPLICATION NO.: 09/503,975  
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**PATENT**

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**PATENT**

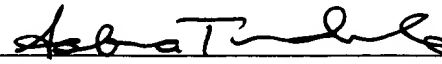
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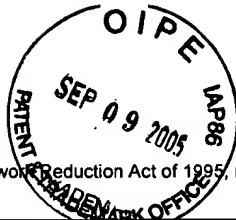
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PAWAN GOYAL

Dated: 9-6-05

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Fenwick & West LLP  
Silicon Valley Center  
801 California Street  
Mountain View, CA 94041  
Tel.: (650) 335-7187  
Fax.: (650) 938-5200



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	09/503,975
Filing Date	February 14, 2000
First Named Inventor	Pawan Goyal
Art Unit	2154
Examiner Name	Larry D. Donaghue
Attorney Docket Number	21816-04464

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-5,961,582 A	10-1999	Gaines, R. Stockton
	A2	US-6,449,652 B1	09-2002	Blumenau et al.

**FOREIGN PATENT DOCUMENTS**

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Examiner Signature		Date Considered	
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Date Mailed: 2-20-04 | Attv/Par: SAT/klm | Filing Date: February 14, 2000  
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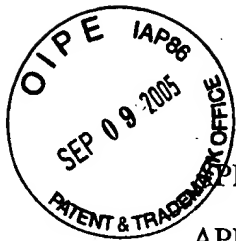
001/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office	
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence during pendency of filed application)		Application Number	09/503,975
		Filing Date	February 14, 2000
		First Named Inventor	Pawan Goyal
		Group Art Unit Number	2134
		Examiner Name	Thomas M. Ho
Total Number of Pages in This Submission	5*	Attorney Docket Number	21816-04464

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<input type="checkbox"/> Application Data Sheet	<input type="checkbox"/> After Allowance Communication to Group
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REMARKS: \*Total Number of Pages in This Submission does not include cited references.

SIGNATURE OF ATTORNEY OR AGENT		
Signature:	<i>Sabra-Anne Truesdale</i>	
Attorney/Reg. No.:	Sabra-Anne Truesdale, Reg. No. P-55,687	Dated: 2-20-04

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Signature:	<i>Sabra-Anne Truesdale</i>	
Typed or Printed Name:	Sabra-Anne Truesdale	Dated: 2-20-04
Express Mail Mailing Number (optional):		



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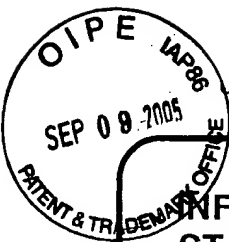
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	A1	US-5,572,680	11-05-1996	Ikeda et al.
	A2	US-5,727,203	03-10-1998	Hapner et al.
	A3	US-5,864,683	01-26-1999	Boebert et al.
	A4	US-5,889,996	03-30-1999	Adams
	A5	US-6,298,479B1	10-02-2001	Chessin et al.
	A6	US-6,434,742	08-13-2002	Koepele, Jr.
	A7	US-6,542,167B1	04-01-2003	Darlet et al.

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

**OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

21816/04464/DOCS/1413189.1





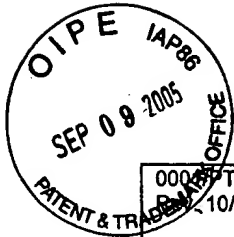
Date Mailed: April 1, 2005 | Atty/Par: SAT/klm | Filing Date: February 14, 2000  
Application No.: 09/503,975 | Docket No.: 21816-04464  
Applicants: Pawan Goyal  
Title: Restricting Communication of Selected Processes to a Set of Specific Network Addresses  
Please imprint Patent Office "date stamp" hereon to indicate receipt and return card to addressee.

**Transmittal**

IDS, PTO/SB/08A and cited reference

Transmittal Letter re Supplemental Translation of Prior Art Reference, with English Translation





<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	000000 PTO SEP 10/95	U.S. Department of Commerce Patent and Trademark Office	Application Number	09/503,975
			Filing Date	February 14, 2000
			First Named Inventor	Pawan Goyal
			Group Art Unit Number	2154
			Examiner Name	Larry D. Donaghue
Total Number of Pages in This Submission		6*	Attorney Docket Number	21816-04464

ENCLOSURES (check all that apply)	
<input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input checked="" type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input checked="" type="checkbox"/> Copies of IDS Cited Reference <input type="checkbox"/> Request for Corrected Filing Receipt  <input type="checkbox"/> Request for Correction of Recorded Assignment <input type="checkbox"/> Amendment/Response: [ ] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): [ ] Sheet(s) of Figure(s) [ ] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input checked="" type="checkbox"/> Letter regarding supplemental translation of Japanese patent reference, with copy of English translation  <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
REMARKS: *Total Number of Pages in This Submission does not include cited reference.	

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Sabra-Anne Truesdale, Reg. No. 55,687	Dated:	4-1-05

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Sabra-Anne Truesdale	Dated:	4-1-05
Express Mail Mailing Number (optional):			



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Pawan Goyal  
APPLICATION NO.: 09/503,975  
FILING DATE: February 14, 2000  
TITLE: Restricting Communication of Selected Processes to a Set of  
Specific Network Addresses  
EXAMINER: Larry D. Donaghue  
GROUP ART UNIT: 2154  
ATTY. DKT. NO.: 21816-04464

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Dated: 4-1-05 By: Sabra-Anne Truesdale  
Sabra-Anne Truesdale, Reg. No. 55,687

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COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**SUPPLEMENTAL TRANSLATION OF PRIOR ART REFERENCE**

SIR:

Enclosed please find a complete English translation of Japanese Patent Publication 64-002145. A copy of the Japanese patent publication, together with an English abstract, was previously submitted with an Information Disclosure Statement and PTO/SB/08A on February 9, 2005.

Respectfully submitted,  
Pawan Goyal

Dated: 4-1-05 By: Sabra-Anne Truesdale  
Sabra-Anne Truesdale, Reg. No. 55,687  
Fenwick & West LLP  
Silicon Valley Center  
801 California Street  
Mountain View, CA 94041  
Tel.: (650) 335-7187  
Fax.: (650) 938-5200



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Pawan Goyal  
APPLICATION NO.: 09/503,975  
FILING DATE: February 14, 2000  
TITLE: Restricting Communication of Selected Processes to a Set of  
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**INFORMATION DISCLOSURE STATEMENT**

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☐ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☒ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing

**PATENT**

date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:

☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR

☒ Applicant certifies pursuant to 37 CFR § 1.97(e) that:

☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR

☒ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;

☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:

☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:

☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;

☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated

under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☒ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. \_\_\_\_\_, filed on \_\_\_\_\_, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
Pawan Goyal

Dated: 4-1-05

By: Sabra-Anne Truesdale  
Sabra-Anne Truesdale, Reg. No. 55,687  
Fenwick & West LLP  
Silicon Valley Center  
801 California Street  
Mountain View, CA 94041  
Tel.: (650) 335-7187  
Fax.: (650) 938-5200



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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	09/503,975
				Filing Date	February 14, 2000
				First Named Inventor	Pawan Goyal
				Art Unit	2154
				Examiner Name	Larry D. Donaghue
Sheet	1	of	1	Attorney Docket Number	21816-04464

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>	
	C1	MITRA, Debasis et al., "Hierarchical Virtual Partitioning: Algorithms for Virtual Private Networking," Bell Labs Technical Journal, Spring, 1997, <a href="http://cm.bell-labs.com/cm/ms/who/mitra/papers/globe.ps">http://cm.bell-labs.com/cm/ms/who/mitra/papers/globe.ps</a> .		

Examiner Signature		Date Considered	
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